

a reference value storage section for storing predetermined reference values indicative of standard conditions of the machine tool;

a judgement section for evaluating at least one of a temperature increase characteristic of the machine tool, a thermal displacement characteristic of the machine tool in accordance with the temperature increase, a vibration characteristic of the machine tool, and a noise characteristic of the machine tool on the basis of a detection signal detected by the sensor and the reference values stored in the reference value storage section for judgement on the acceptability.